# Ports-on-Demand Licensing for the Brocade ICX 6650 Switch

Publication number: 53-1002724-01
Publication date: September, 2012

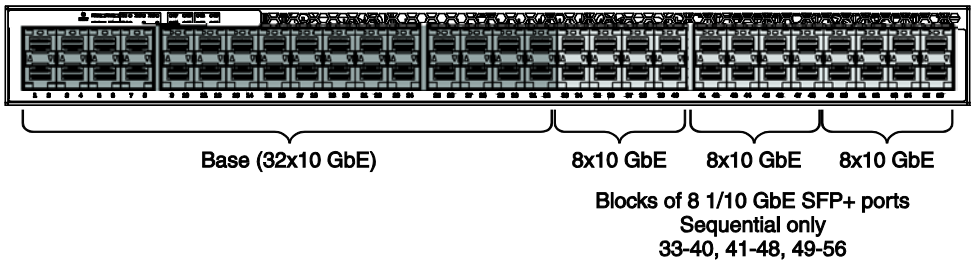
This document describes Ports-on-Demand licensing for the Brocade ICX 6650 Switch.

The Brocade ICX 6650 Switch is orderable in the following configurations:

- 32 front-panel, dual-speed 1/10GbE SFP+ ports enabled.
- 40 front-panel, dual-speed 1/10GbE SFP+ ports enabled.
- 48 front-panel, dual-speed 1/10GbE SFP+ ports enabled.
- 56 front-panel, dual-speed 1/10GbE SFP+ ports enabled.
- All ports enabled (front SFP+: 56 dual-speed 1/10GbE SFP+ ports; rear QSFP: four 40GbE ports, and two 4x10 GbE breakout ports).

You can purchase and install the following Ports-on-Demand licenses to enable additional ports:

- Groups of 8 dual-speed 1/10GbE SFP+ front ports. The licenses will activate the following groups of 8 SFP+ port sequentially: ports 33 through 40, 41 through 48, and 49 through 56. You can purchase up to three ICX6650-8P10G-LIC-POD licenses. Generate the BR-6650-10G-POD license file from the licensing portal and install the license file on the unit to activate the additional ports. Refer to the following illustration.

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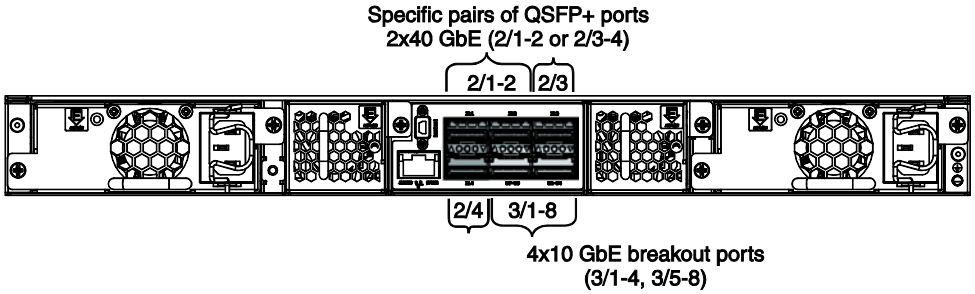
- Up to three ICX6650-2P40G-LIC-POD licenses to enable up to two pairs of 40GbE ports or a pair of 4x10GbE breakout ports on the rear panel. Generate the BR-6650-40G-POD license file from the licensing portal and install the license file on the unit to activate the additional ports.

  The license file can be applied to any of the following pairs of 40GbE ports or 4x10GbE breakout ports:

  - 2/1 and 2/2 40GbE ports
  - 2/3 and 2/4 40GbE ports
  - 3/1-4 and 3/5-8 4x10GbE breakout ports

  Refer to the following illustration.




NOTE: You can add a BR-6650-2P40G-POD license to any configuration except a fully populated configuration. For example you can add a BR-6650-2P40G-POD license to a 32 port configuration.

No trial licenses are available with Ports-on-Demand licensing.

For information on obtaining and enabling Brocade 6650 Port-on-Demand licenses, refer to the "Ports-on-Demand Licensing" chapter in the *Brocade ICX 6650 Administration Guide*.

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